Results for the 8'x40' circular tank with ramp:

Circular tank:

Tank Diameter = 40 ft
Tank Wall thickness = 8 in (actual)
Tank Height = 8 ft
f_y= 60,000 psi
f'_c = 4,000 psi

Horizontal Steel = #4 rebar		
Bar #	Spacing (in)	Distance from finished floor (ft - in)
1	3	0' 3"
2	12	1' 3"
3	12	2' 3"
4	12	3' 3"
5	12	4' 3"
6	12	5' 3"
7	12	6' 3"
8	12	7' 3"
9	6	7' 9"

Vertical Steel shall be #4 @ 12" O.C.
Dowels "L" bars shall be #4 @ 12" O.C. with a horizontal leg of 6" and a vertical leg of 26"

In the tank wall, at the notch for the ramp add:
        3-#6 bars x 7'-10" long @ 4" O.C. vertically.
        3-#6 bars x 20' long @ 4" O.C. horizontally.
        4-#6 bars x 6' long @ 4" O.C. at a 45 degree angle.

<table>
<tr><td rowspan="3">

◊NRCS

Natural Resources Conservation Services
United States Department of Agriculture
</td><td rowspan="3">

_____ *County, PA*
ROUND TANK W/RAMP
DETAIL Page 6.01
</td><td>

Designed *PA NRCS*   *12/01*
Drawn   *Hartz*   *2/1/08*
Revisions *Pereverzoff*   *1/9/08*
</td></tr>
<tr><td>Checked _____</td></tr>
<tr><td>Approved _____</td></tr>
</table>